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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,362	02/23/2004	William O. Hogue	DP-311004 7500/257	8850

7590 01/14/2005
DELPHI TECHNOLOGIES, INC.
M/C 480-410-202
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EXAMINER

WILLIAMS, THOMAS J

ART UNIT	PAPER NUMBER
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3683

DATE MAILED: 01/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/784,362	Applicant(s) HOGUE ET AL.	
	Examiner Thomas J. Williams	Art Unit 3683	

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2/23/04</u> . | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

1. Acknowledgment is made in the receipt of the information disclosure statement filed February 23, 2004.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-13 and 19-21 are rejected under 35 U.S.C. 102(b) as being anticipated by US 4,614,455 to Skipper.

Re-claims 1, 2, 8, 13, 19 and 21, Skipper discloses a mount comprising: an input side attachment member 18; a plurality of isolation pads (interpreted as 12 and 19, this is consistent with the instant specification) are positioned within the input side attachment member, the two pads have a different performance characteristics; a portion of an output side attachment member 13 is positioned within the input side attachment member, pad 12 is post-vulcanized bonded to member 14 of the output side attachment member, see column 1 lines 53-57. The pads are post-vulcanization bonded substantially simultaneously.

Re-claims 3, 9 and 20, Skipper discloses in column 1 lines 9-10 that a plurality of elastomeric components can be used.

Re-claims 4, 6 and 11, see element 14.

Re-claims 5 and 10, see element 18.

Re-claims 7 and 12, the mount is capable of use as an engine mount.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 14-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 4,981,287 to Cothenet in view of US 5,031,873 to Rau.

Re-claims 14 and 15, Cothenet teaches a strut mount having an output side attachment member, a strut mount, a plurality of isolation pads (such as 11, 14 and 17) positioned between the output side attachment member and the strut mount, pads 11 and 14 have different performance characteristics (element 11 is a low rigidity ring, element 14 is a high rigidity ring). However, Cothenet fails to teach the means by which the pads are bonded to the strut mount.

Rau teaches a post-vulcanization bonding technique used for bonded elastomeric elements to a member. Rau teaches that this technique reduces assembly time over other bonding methods, see column 2 lines 33-36. It would have been obvious to one of ordinary skill

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in the art to have utilized the teachings of Rau regarding post vulcanization bonding when having attached the elastomeric elements to the strut mount in Cothenet, thus reducing assembly time.

Re-claim 16, the two pads are interpreted as the bond between 14 and 17. Cothenet teaches that element 17 can be formed from a plastic material.

Re-claim 17, pads 11 are bonded to the output side attachment member.

Re-claim 18, the mount is an automotive strut mount.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Brown, Bitschkus et al., Willet and Valentine each teach a mount having a plurality of isolation pads with different performance characteristics.

8. Any inquiries concerning this communication or earlier communications from the examiner should be directed to Thomas Williams whose telephone number is (703) 305-1346. The examiner can normally be reached on Monday-Thursday from 6:30 AM to 4:00 PM. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Bucci, can be reached at (703) 308-3668. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

TJW

January 11, 2005

THOMAS WILLIAMS
PATENT EXAMINER

Thomas Williams
AU 3683
1-11-05